

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (previously presented) A method, performed at an interface location between first and second networks, comprising, the steps of:

receiving an originating telephone transaction message from an originator on a first network, the originating message having a first network messaging protocol and requesting subscriber information from a home registration database located on a second network, the first and second networks using disparate messaging protocols suitable for the second network;

converting the first network messaging protocol of the originating message into a second network messaging protocol suitable for the second network;

forwarding the converted originating message to the home registration database of the second network;

receiving a responding message from the second network, the responding message having the second network messaging protocol;

converting the second network messaging protocol of the responding message into the first network messaging protocol; and

forwarding the converted responding message to the originator, said method facilitating communications between a home register database and a computer operable on said second network, so that authorization commands can be issued directly from said home register database to said computer on said second network.

2. (original) The method of claim 1, wherein said step of converting the first network messaging protocol further comprises a step of deriving a destination point code in the second network.

3. (original) The method of claim 1, wherein said step of converting the second network messaging protocol further comprises a step of deriving a destination point code in the first

network.

4. (original) The method of claim 1, wherein said step of converting the first network messaging protocol further comprises a step of converting a format of an originator's address.

5. (original) The method of claim 1, wherein said step of converting the second network messaging protocol further comprises a step of converting a format of an originator's address.

6. (original) The method of claim 1, wherein said step of converting the first network messaging protocol further comprises a step of converting a format of a destination address.

7. (original) The method of claim 1, wherein said step of converting the second network messaging protocol further comprises a step of converting a format of a destination address.

8. (previously presented) An apparatus, comprising:

a means for receiving an originating telephone transaction message from an originator on a first network, the originating message having a first network messaging protocol and requesting subscriber information from a home registration database located on a second network, the first and second networks using disparate messaging protocols;

a means for converting the first network messaging protocol of the originating message into a second network messaging protocol suitable for the second network;

a means for forwarding the converted originating message to the home registration database of the second network;

a means for receiving a responding message from the second network, the responding message having the second network messaging protocol suitable for the second network;

a means for converting the second network messaging protocol of the responding message into the first network messaging protocol; and

a means for forwarding the converted responding message to the originator on the first network, said means for converting employing a single entry to represent plural subscribers on said second network that have roamed to said first network.

9. (original) The apparatus of claim 8, wherein said means for converting the first network messaging protocol further comprises a means for deriving a destination point code in the second network.

10. (original) The apparatus of claim 8, wherein said means for converting the second network messaging protocol further comprises a means for deriving a destination point code in the first network.

11. (original) The apparatus of claim 8, wherein said means for converting the first network messaging protocol further comprises a means for converting a format of an originator's address.

12. (original) The apparatus of claim 8, wherein said means for converting the second network messaging protocol further comprises a means for converting a format of an originator's address.

13. (original) The apparatus of claim 8, wherein said means for converting the first network messaging protocol further comprises a means for converting a format of a destination address.

14. (original) The apparatus of claim 8, wherein said means for converting the second network messaging protocol further comprises a means for converting a format of a destination address.

15. (previously presented) An article comprising a system for conveying transactional messages over disparate networks, said system comprising:

a means for receiving an originating telephone transaction message from an originator on a first network, the originating message having a first network messaging protocol and requesting subscriber information from a home registration database located on a second network, the first and second networks using disparate messaging protocols;

a means for converting the first network messaging protocol of the originating message into a second network messaging protocol suitable for the second network suitable for the second network;

a means for forwarding the converted originating message to the home registration database of the second network;

a means for receiving a responding message from the second network, the responding message having the second network messaging protocol;

a means for converting the second network messaging protocol of the responding message into the first network messaging protocol; and

a means for forwarding the converted responding message to the originator on the first network, the means for converting operating in a separate computer system from a home registration database.

16. (original) The article of claim 15, wherein said means for converting the first network messaging protocol further comprises a means for deriving a destination point code in the second network.

17. (original) The article of claim 15, wherein said means for converting the second network messaging protocol further comprises a means for deriving a destination point code in the first network.

18. (original) The article of claim 15, wherein said means for converting the first network messaging protocol further comprises a means for converting a format of an originator's address.

19. (original) The article of claim 15, wherein said means for converting the second network messaging protocol further comprises a means for converting a format of an originator's address.

20. (original) The article of claim 15, wherein said means for converting the first network messaging protocol further comprises a means for converting a format of a destination address.

21. (original) The article of claim 15, wherein said means for converting the second network messaging protocol further comprises a means for converting a format of a destination address.

22. (currently amended) A method, performed at an interface location between first and second networks, comprising the steps of:

receiving a telephone transaction initiation or response message that originated with a telephone set or node currently located in a the first network, the message bearing an originator's registration number identifying a subscriber whose home registration is located in the second network, or the address of the initiating or responding node in the first network, the first and second networks using disparate signaling protocols;

querying the originator's home registration database using the network-signaling protocol of the second network to determine the registration status of the originator;

forwarding registration status information to the first network in the network-signaling protocol of the first network, wherein the method is performed on a computer that does not perform any functions of the computer on which the home registration is located.

23. (original) The method of claim 22, further comprising the step of converting a format of said initiation message into a format utilized by said first network.

24. (original) The method of claim 23, wherein said step of converting said format of said message is performed by matching values of said format of said message with values of said format utilized by said first network.

25. (original) The method of claim 22, further comprising the step of converting an address of said telephone set from a format utilized by said second network into a format utilized by said first network.

26. (original) The method of claim 22, further comprising the step of generating a destination point code.

27. (original) The method of claim 26, wherein the step of generating a destination point code further comprises inserting a virtual point code.

28.-62. (cancelled).